

WHAT IS CLAIMED IS:

1. A light modulator, comprising:

an output polarizer for receiving input light and outputting polarized light;

5 a first color selective polarization modulator for receiving said polarized light and for selectively modulating the polarization state of at least a first spectrum of said polarized light;

a second color selective polarization modulator for receiving light from said first color selective polarization modulator, and for selectively modulating the polarization state of at least a second spectrum of said polarized light; and

10 an output polarizer for receiving and analyzing the polarization states of said first and second spectrums.